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Hogs and Pigs



USDA
Washington, D.C.

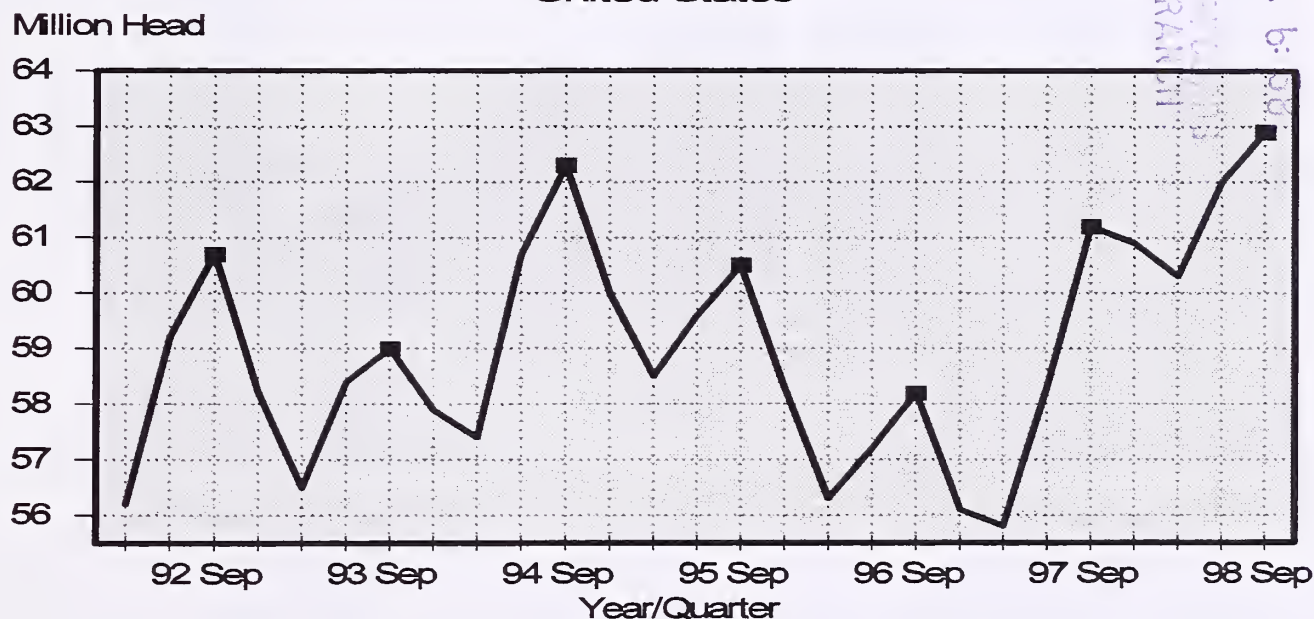
Released September 25, 1998, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Hogs and Pigs" call Greg Matli at 202-720-3106, office hours 7:00 a.m. to 4:30 p.m. ET.

U.S. Hog Inventory Up 3 Percent

U.S. inventory of all hogs and pigs on September 1, 1998, was 62.9 million head. This was 3 percent above September 1997, and 2 percent above June 1, 1998.

Breeding inventory, at 6.94 million head, was down slightly from September 1, 1997 and down 1 percent from June 1, 1998. **Market hog inventory**, at 56.0 million head, was 3 percent above last year, and 2 percent above last quarter.

Quarterly Hogs and Pigs Inventory
United States



The June-August 1998 U.S. pig crop, at 26.3 million head, was 2 percent more than 1997 and 11 percent more than 1996. Sows farrowing during this period totaled 3.02 million head, 2 percent above last year. The sows farrowed during this quarter represented 43 percent of the breeding herd. The average pigs per litter fell to an average of 8.70 pigs saved per litter for the June-August period, compared to 8.72 pigs last year. Pigs saved per litter by size of operation ranged from 7.30 for operations with 1-99 hogs to 8.90 for operations with more than 5,000 hogs and pigs.

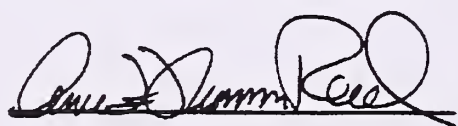
U.S. hog producers intend to have 2.99 million sows farrow during the September-November 1998 quarter, 2 percent above the actual farrowings during the same period in 1997 and 10 percent above 1996. Intended farrowings for December 1998-February 1999, at 3.00 million sows, are 3 percent above the same period last year and 11 percent above 1997.

The total number of hogs under contract, owned by operations with over 5,000 head, but raised by contractees, accounted for 29 percent of the total U.S. hog inventory.

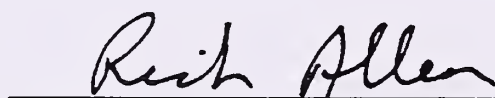
Revisions

All inventory and pig crop estimates for September 1997 through June 1998 were reviewed using final pig crop, official slaughter, import, and export data in U.S. level balance sheets. Based on the findings of this review, small adjustments of less than 1 percent were made to the March 1, 1998 inventory, June 1, 1998 inventory, December 1997 to February 1998 pig crop, and the March 1998 to May 1998 pig crop.

This report was approved on September 25, 1998.

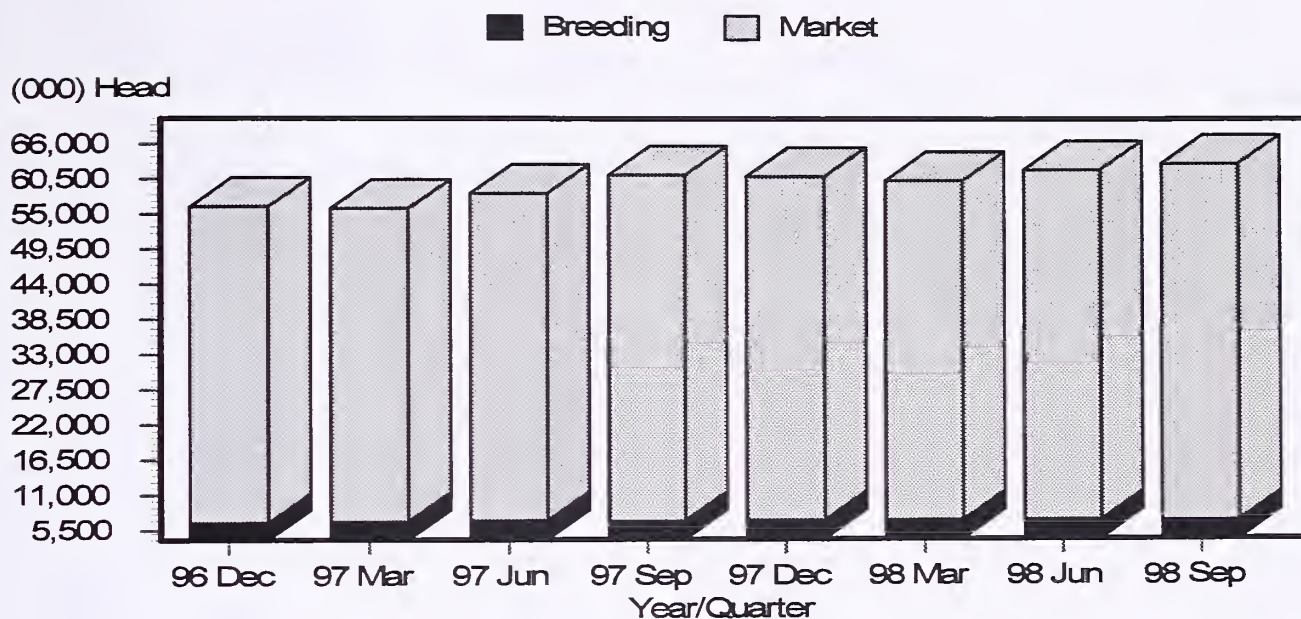


Acting Secretary of
Agriculture
Anne F. Thomson Reed



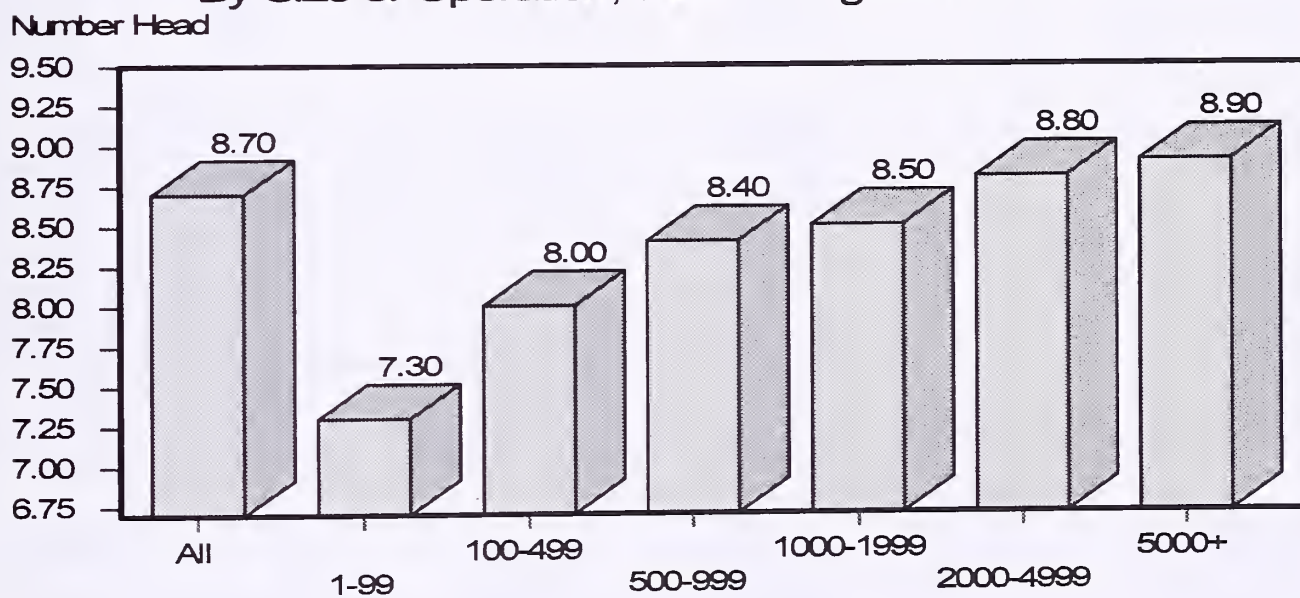
Agricultural Statistics Board
Chairperson
Rich Allen

U.S. Hog Inventory



U.S. Pigs per Litter

By Size of Operation, June - August 1998



**Hogs and Pigs: Inventory Number by Class, Weight Group,
and Quarter, United States, 1996-98 ¹**

Item	1996	1997	1998	1998 as % of	
				1996	1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Percent</i>
March 1 Inventory					
All Hogs and Pigs	56,340	55,838	60,270	107	108
Kept for Breeding	6,765	6,842	6,986	103	102
Market	49,575	48,996	53,284	107	109
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	18,790	18,575	20,239	108	109
60-119 Pounds	11,980	11,713	12,790	107	109
120-179 Pounds	10,095	10,032	10,812	107	108
180 Pounds and Over	8,710	8,676	9,443	108	109
June 1 Inventory					
All Hogs and Pigs	57,150	58,263	61,950	108	106
Kept for Breeding	6,860	6,960	7,018	102	101
Market	50,290	51,303	54,932	109	107
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	20,245	20,337	21,360	106	105
60-119 Pounds	12,690	12,777	13,687	108	107
120-179 Pounds	9,795	10,127	11,080	113	109
180 Pounds and Over	7,560	8,061	8,805	116	109
September 1 Inventory					
All Hogs and Pigs	58,150	61,163	62,900	108	103
Kept for Breeding	6,765	6,944	6,936	103	100
Market	51,385	54,219	55,964	109	103
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	19,320	20,876	21,210	110	102
60-119 Pounds	12,780	13,531	13,743	108	102
120-179 Pounds	10,590	10,835	11,511	109	106
180 Pounds and Over	8,695	8,976	9,500	109	106
December 1 Inventory					
All Hogs and Pigs	56,141	60,915			
Kept for Breeding	6,667	6,986			
Market	49,474	53,929			
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	18,439	20,104			
60-119 Pounds	12,221	13,264			
120-179 Pounds	10,291	11,178			
180 Pounds and Over	8,522	9,383			

¹ Weight groups may not add to Market due to rounding.

**Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,
United States, 1996-99**

Item	1996	1997	1998	1999	1998 as % of		1999 as % of 1998
					1996	1997	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Sows Farrowing							
Dec-Feb ^{1 2}	2,757	2,702	2,918	2,997	106	108	103
Mar-May	2,955	2,944	3,070		104	104	
Dec-May ¹	5,712	5,646	5,988		105	106	
Jun-Aug	2,758	2,959	3,019		109	102	
Sep-Nov ³	2,717	2,929	2,992		110	102	
Jun-Nov ⁴	5,475	5,888	6,011		110	102	
Pig Crop							
Dec-Feb ¹	23,161	23,264	25,369		110	109	
Mar-May	25,040	25,471	26,849		107	105	
Dec-May ¹	48,201	48,735	52,218		108	107	
Jun-Aug	23,597	25,796	26,277		111	102	
Sep-Nov	23,159	25,316					
Jun-Nov	46,756	51,112					
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Pigs per Litter							
Dec-Feb ¹	8.40	8.61	8.69		103	101	
Mar-May	8.47	8.65	8.75		103	101	
Dec-May ¹	8.44	8.63	8.72		103	101	
Jun-Aug	8.56	8.72	8.70		102	100	
Sep-Nov	8.52	8.64					
Jun-Nov	8.54	8.68					

¹ December preceding year.

² Intentions for 1999.

³ Intentions for 1998.

⁴ Actual farrowings for June-August plus intentions for September-November.

Pigs per Litter: By Size of Operation, United States, 1997-98

Pig Crop	Pigs per Litter on Operations Having					
	1-99 Head	100-499 Head	500-999 Head	1,000-1,999 Head	2,000-4,999 Head	5,000+ Head
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1997						
Dec-Feb ¹	7.20	7.70	8.10	8.40	8.60	8.90
Mar-May	7.60	7.90	8.20	8.40	8.60	9.00
Jun-Aug	7.50	7.90	8.10	8.50	8.70	9.00
Sep-Nov	7.40	8.10	8.30	8.60	8.70	8.90
1998						
Dec-Feb ¹	7.10	7.90	8.30	8.50	8.80	8.90
Mar-May	7.40	8.10	8.40	8.50	8.80	9.00
Jun-Aug	7.30	8.00	8.40	8.50	8.80	8.90

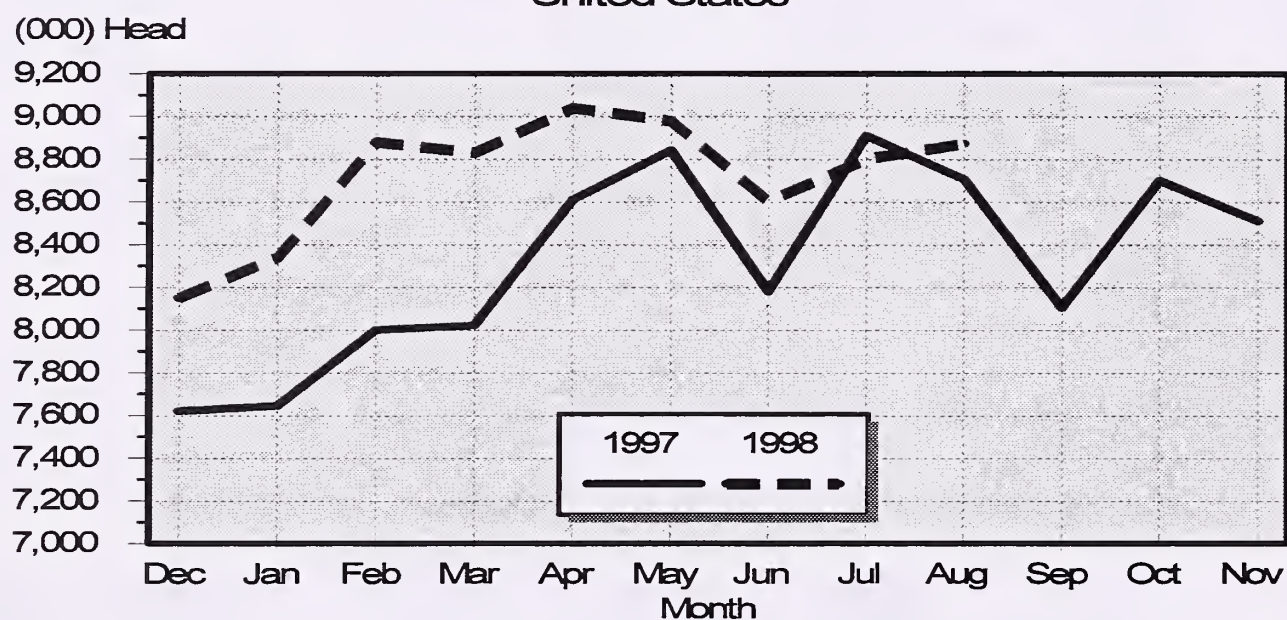
¹ December preceding year.

**Monthly Farrowings: Number of Sows, Pigs per Litter, and Pig Crop,
United States December-November 1997-98 ¹**

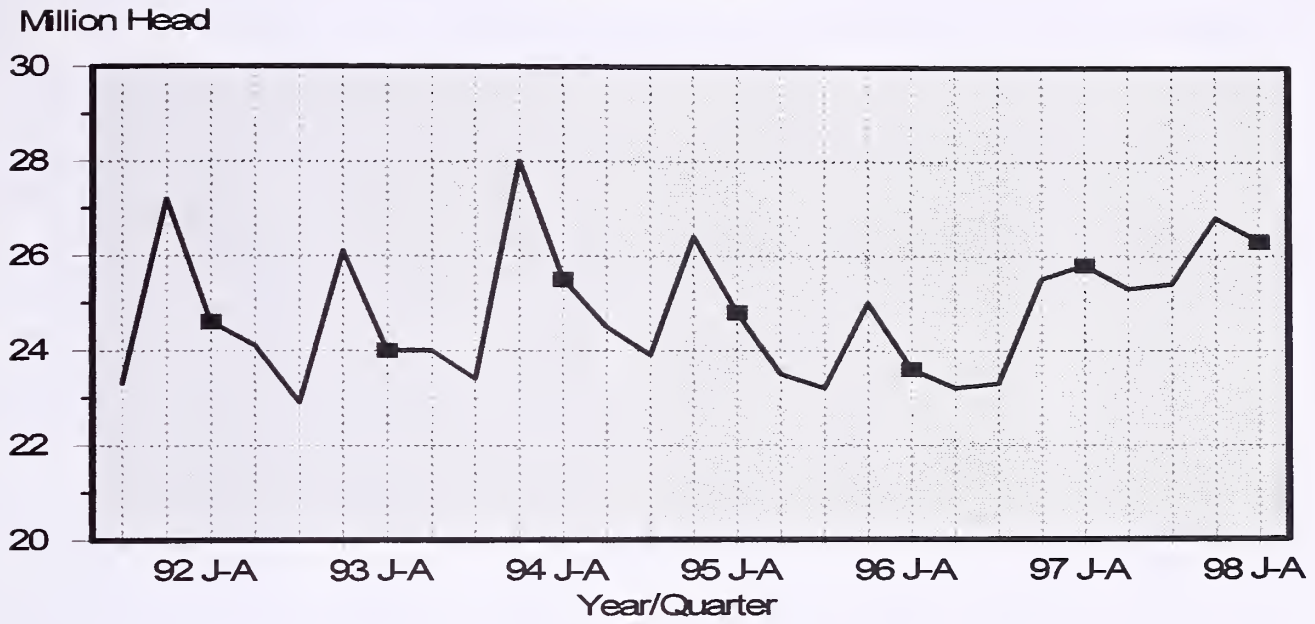
Month	Sows Farrowing		Pigs per Litter		Pig Crop	
	1997	1998	1997	1998	1997	1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
Dec ¹	895	940	8.51	8.67	7,620	8,150
Jan	885	960	8.64	8.69	7,644	8,339
Feb	922	1,018	8.68	8.72	8,000	8,880
Mar	950	1,015	8.44	8.70	8,020	8,830
Apr	999	1,030	8.62	8.78	8,610	9,040
May	995	1,025	8.89	8.76	8,841	8,979
Jun	990	990	8.26	8.69	8,180	8,604
Jul	981	1,009	9.08	8.72	8,910	8,800
Aug	988	1,020	8.81	8.70	8,706	8,873
Sep	965		8.40		8,106	
Oct	989		8.80		8,700	
Nov	975		8.73		8,510	
Total	11,534		8.66		99,847	

¹ December preceding year.

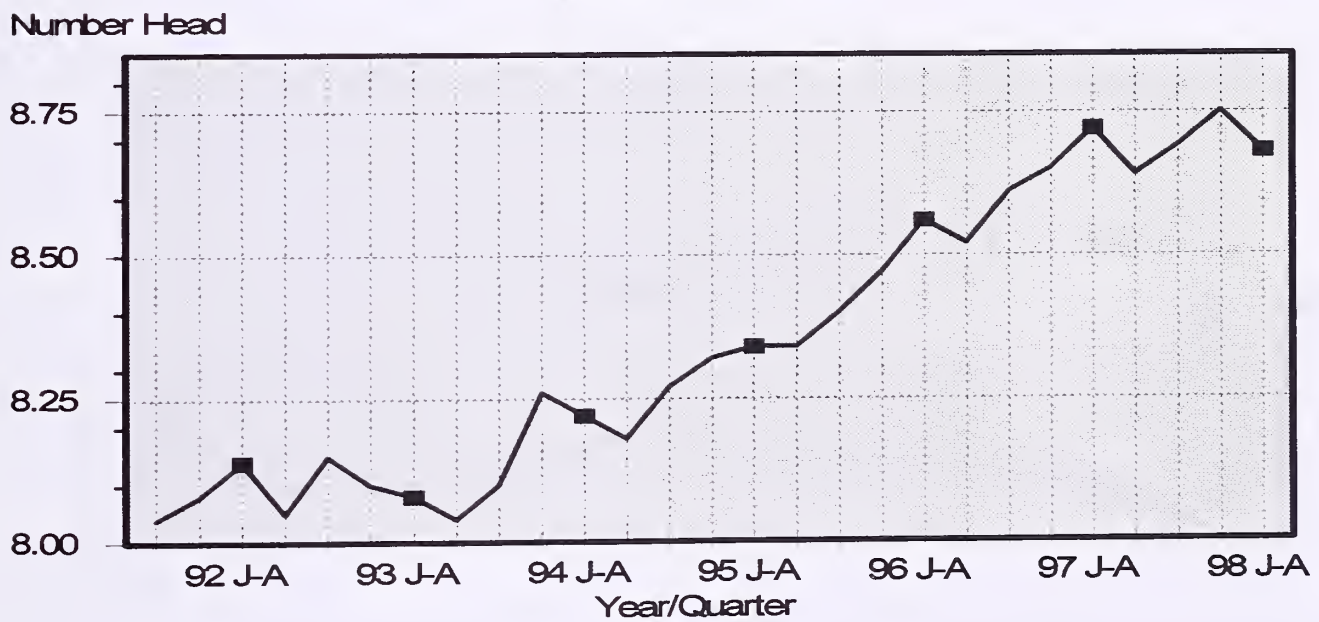
**Monthly Pig Crop
United States**



Pig Crop United States



Litter Rate United States

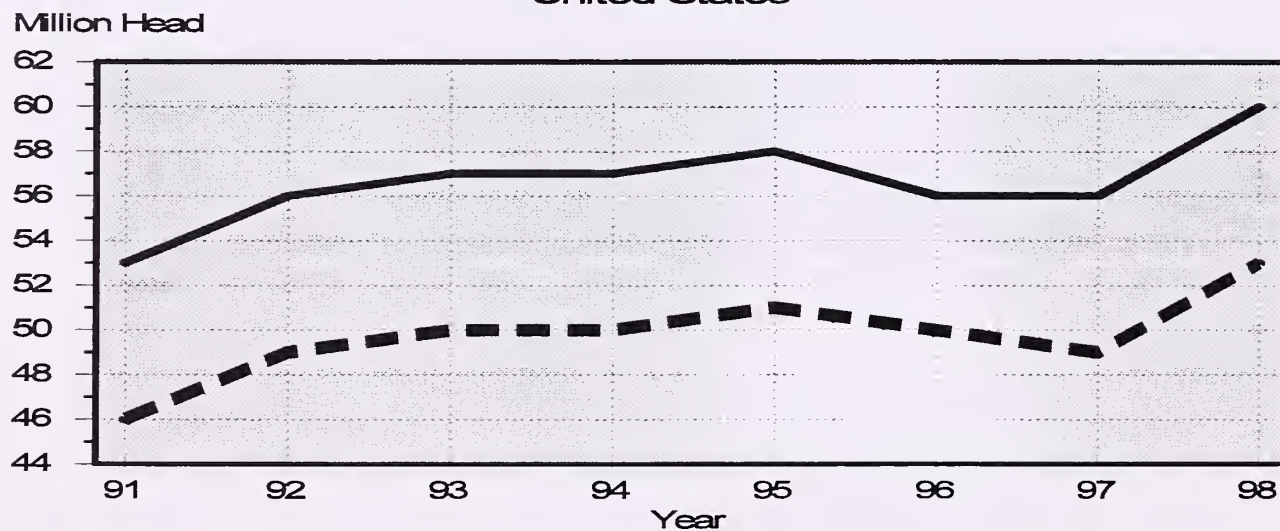


**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, March 1, 1997-98**

State	Breeding			Market			Total		
	1997	1998		1997	1998		1997	1998	
		Number	as % of 1997		Number	as % of 1997		Number	as % of 1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	110	110	100	750	700	93	860	810	94
GA	110	100	91	720	620	86	830	720	87
IL	550	550	100	3,850	4,250	110	4,400	4,800	109
IN	450	470	104	3,150	3,580	114	3,600	4,050	113
IA	1,300	1,300	100	10,800	12,800	119	12,100	14,100	117
KS	180	190	106	1,180	1,230	104	1,360	1,420	104
KY	80	70	88	520	490	94	600	560	93
MI	130	130	100	820	870	106	950	1,000	105
MN	600	620	103	4,400	4,980	113	5,000	5,600	112
MO	450	440	98	2,800	2,960	106	3,250	3,400	105
NE	450	430	96	3,100	3,070	99	3,550	3,500	99
NC	1,050	1,100	105	8,450	8,500	101	9,500	9,600	101
OH	200	200	100	1,250	1,380	110	1,450	1,580	109
OK	180	250	139	1,190	1,520	128	1,370	1,770	129
PA	120	120	100	850	880	104	970	1,000	103
SD	160	150	94	970	1,100	113	1,130	1,250	111
WI	115	105	91	675	625	93	790	730	92
Oth Sts ¹	607	651	107	3,521	3,729	106	4,128	4,380	106
US	6,842	6,986	102	48,996	53,284	109	55,838	60,270	108

¹ Individual State estimates not available for the 33 other States.

**March 1 Hog Inventory & Market Hogs
United States**



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, March 1, 1997-98¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1997	1998	1997	1998	1997	1998	1997	1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	260	220	175	175	170	155	145	150
GA	285	235	185	160	155	130	95	95
IL	1,400	1,550	900	1,000	870	970	680	730
IN	1,170	1,370	790	900	640	700	550	610
IA	3,700	4,150	2,820	3,400	2,280	2,800	2,000	2,450
KS	490	510	235	235	210	220	245	265
KY	205	200	130	115	105	100	80	75
MI	270	290	205	220	190	195	155	165
MN	1,640	1,930	1,080	1,220	910	990	770	840
MO	1,240	1,350	620	640	540	560	400	410
NE	1,250	1,240	760	760	590	580	500	490
NC	3,400	3,450	1,920	1,900	1,680	1,650	1,450	1,500
OH	560	630	260	310	290	290	140	150
OK	410	610	200	270	190	210	390	430
PA	330	330	220	230	170	180	130	140
SD	375	390	220	280	200	240	175	190
WI	265	250	165	145	125	120	120	110
Oth Sts ²	1,325	1,534	828	830	717	722	651	643
US	18,575	20,239	11,713	12,790	10,032	10,812	8,676	9,443

¹ Weight groups may not add to Market due to rounding.

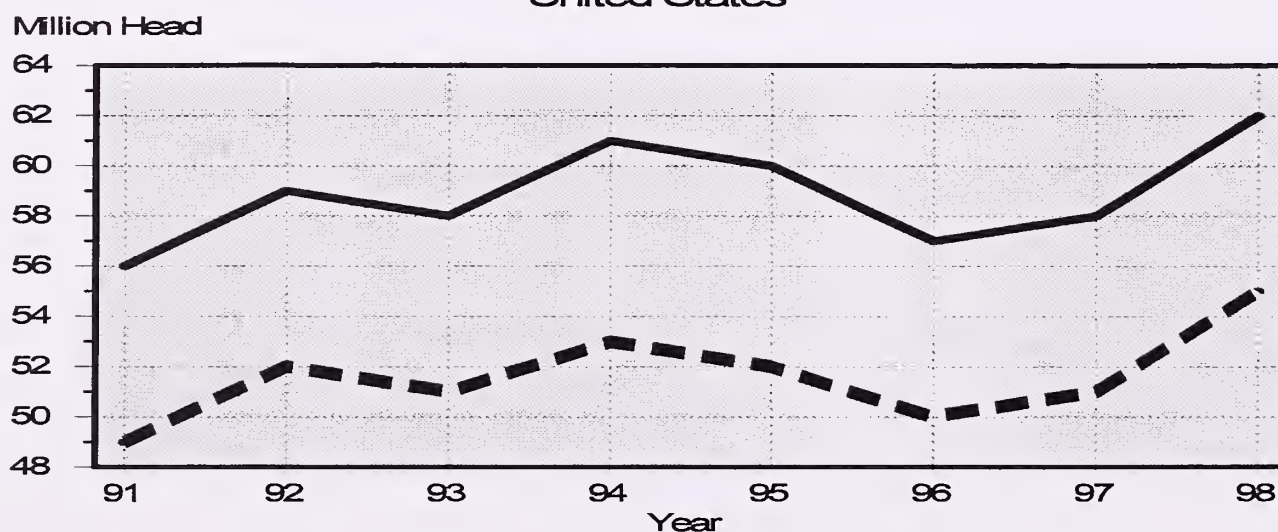
² Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, June 1, 1997-98**

State	Breeding			Market			Total		
	1997	1998		1997	1998		1997	1998	
		Number	as % of 1997		Number	as % of 1997		Number	as % of 1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	115	110	96	795	680	86	910	790	87
GA	110	100	91	720	630	88	830	730	88
IL	560	580	104	3,940	4,420	112	4,500	5,000	111
IN	440	470	107	3,210	3,730	116	3,650	4,200	115
IA	1,340	1,300	97	11,360	13,400	118	12,700	14,700	116
KS	180	185	103	1,200	1,215	101	1,380	1,400	101
KY	75	65	87	525	455	87	600	520	87
MI	150	130	87	950	1,000	105	1,100	1,130	103
MN	610	630	103	4,590	5,070	110	5,200	5,700	110
MO	455	410	90	3,095	2,890	93	3,550	3,300	93
NE	450	440	98	3,250	3,110	96	3,700	3,550	96
NC	1,050	1,100	105	8,750	8,700	99	9,800	9,800	100
OH	210	210	100	1,390	1,470	106	1,600	1,680	105
OK	210	260	124	1,290	1,610	125	1,500	1,870	125
PA	115	115	100	875	885	101	990	1,000	101
SD	165	140	85	1,025	1,160	113	1,190	1,300	109
WI	115	100	87	695	620	89	810	720	89
Oth Sts ¹	610	673	110	3,643	3,887	107	4,253	4,560	107
US	6,960	7,018	101	51,303	54,932	107	58,263	61,950	106

¹ Individual State estimates not available for the 33 other States.

**June 1 Hog Inventory & Market Hogs
United States**



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, June 1, 1997-98 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1997	1998	1997	1998	1997	1998	1997	1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	250	250	190	165	205	145	150	120
GA	280	240	190	175	155	130	95	85
IL	1,580	1,750	980	1,080	790	900	590	690
IN	1,220	1,380	780	980	640	780	570	590
IA	4,350	4,550	3,130	3,700	2,200	2,900	1,680	2,250
KS	495	495	290	270	235	230	180	220
KY	210	185	130	110	105	90	80	70
MI	430	450	200	220	190	190	130	140
MN	1,780	1,990	1,160	1,310	950	1,050	700	720
MO	1,450	1,450	680	590	565	510	400	340
NE	1,350	1,270	830	820	590	580	480	440
NC	3,400	3,450	2,170	2,100	1,830	1,750	1,350	1,400
OH	640	660	340	350	260	290	150	170
OK	470	610	210	300	200	220	410	480
PA	320	330	220	240	180	175	155	140
SD	430	440	255	285	180	240	160	195
WI	290	245	170	160	125	120	110	95
Oth Sts ²	1,392	1,615	852	832	727	780	671	660
US	20,337	21,360	12,777	13,687	10,127	11,080	8,061	8,805

¹ Weight groups may not add to Market due to rounding.

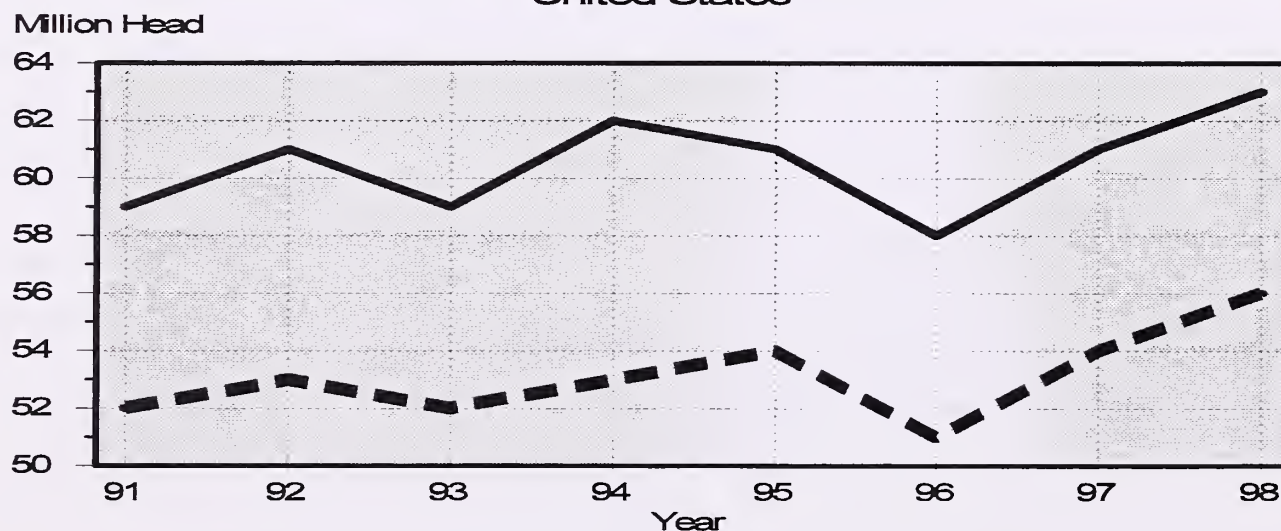
² Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, September 1, 1997-98**

State	Breeding			Market			Total		
	1997	1998		1997	1998		1997	1998	
		Number	as % of 1997		Number	as % of 1997		Number	as % of 1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	115	110	96	805	690	86	920	800	87
GA	105	90	86	715	590	83	820	680	83
IL	530	540	102	4,120	4,310	105	4,650	4,850	104
IN	450	450	100	3,450	3,650	106	3,900	4,100	105
IA	1,350	1,290	96	12,950	13,910	107	14,300	15,200	106
KS	190	175	92	1,240	1,305	105	1,430	1,480	103
KY	75	65	87	525	455	87	600	520	87
MI	140	120	86	1,010	1,000	99	1,150	1,120	97
MN	620	640	103	4,880	5,160	106	5,500	5,800	105
MO	435	420	97	3,115	2,880	92	3,550	3,300	93
NE	450	430	96	3,200	3,070	96	3,650	3,500	96
NC	1,050	1,100	105	9,050	9,100	101	10,100	10,200	101
OH	200	210	105	1,350	1,520	113	1,550	1,730	112
OK	215	290	135	1,385	1,690	122	1,600	1,980	124
PA	120	110	92	900	890	99	1,020	1,000	98
SD	160	130	81	1,060	1,140	108	1,220	1,270	104
WI	120	95	79	710	605	85	830	700	84
Oth Sts ¹	619	671	108	3,754	3,999	107	4,373	4,670	107
US	6,944	6,936	100	54,219	55,964	103	61,163	62,900	103

¹ Individual State estimates not available for the 33 other States.

**September 1 Hog Inventory & Market Hogs
United States**



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, September 1, 1997-98 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1997	1998	1997	1998	1997	1998	1997	1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	270	230	195	180	195	150	145	130
GA	280	235	180	150	155	120	100	85
IL	1,490	1,510	980	1,030	860	950	790	820
IN	1,230	1,330	870	880	740	790	610	650
IA	4,400	4,650	3,750	3,850	2,650	3,010	2,150	2,400
KS	540	545	240	280	230	225	230	255
KY	215	185	130	110	100	90	80	70
MI	350	320	275	260	205	205	180	215
MN	1,990	2,080	1,230	1,340	920	980	740	760
MO	1,440	1,290	670	650	520	540	485	400
NE	1,340	1,320	780	740	650	610	430	400
NC	3,600	3,600	2,140	2,100	1,870	1,900	1,440	1,500
OH	610	680	330	360	250	300	160	180
OK	500	650	250	300	230	270	405	470
PA	370	320	220	235	165	180	145	155
SD	430	370	260	270	200	280	170	220
WI	290	240	175	140	135	120	110	105
Oth Sts ²	1,531	1,655	856	868	760	791	606	685
US	20,876	21,210	13,531	13,743	10,835	11,511	8,976	9,500

¹ Weight groups may not add to Market due to rounding.

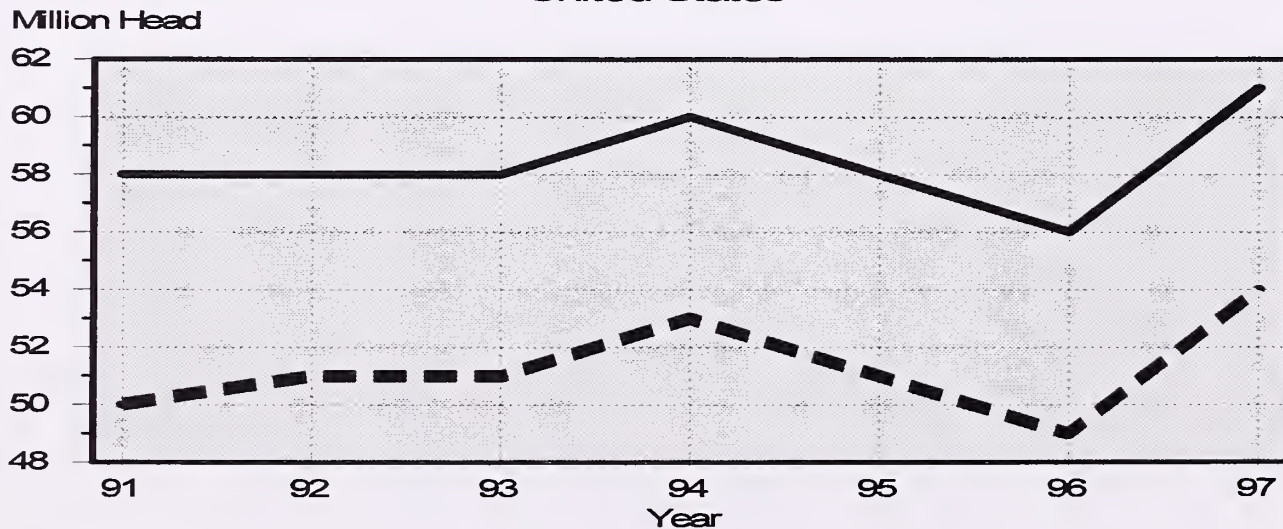
² Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, December 1, 1996-97**

State	Breeding			Market			Total		
	1996	1997		1996	1997		1996	1997	
		Number	as % of 1996		Number	as % of 1996		Number	as % of 1996
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	110	110	100	715	740	103	825	850	103
GA	110	105	95	690	645	93	800	750	94
IL	520	560	108	3,880	4,240	109	4,400	4,800	109
IN	460	460	100	3,290	3,440	105	3,750	3,900	104
IA	1,250	1,350	108	10,950	13,150	120	12,200	14,500	119
KS	190	190	100	1,260	1,240	98	1,450	1,430	99
KY	85	70	82	540	520	96	625	590	94
MI	125	130	104	875	900	103	1,000	1,030	103
MN	540	620	115	4,310	4,880	113	4,850	5,500	113
MO	450	440	98	3,000	3,110	104	3,450	3,550	103
NE	450	440	98	3,150	3,110	99	3,600	3,550	99
NC	1,000	1,050	105	8,300	8,750	105	9,300	9,800	105
OH	210	200	95	1,290	1,420	110	1,500	1,620	108
OK	170	230	135	1,150	1,410	123	1,320	1,640	124
PA	105	120	114	845	880	104	950	1,000	105
SD	155	160	103	1,045	1,140	109	1,200	1,300	108
WI	120	105	88	680	625	92	800	730	91
Oth Sts ¹	617	646	105	3,504	3,729	106	4,121	4,375	106
US	6,667	6,986	105	49,474	53,929	109	56,141	60,915	109

¹ Individual State estimates not available for the 33 other States.

**December 1 Hog Inventory & Market Hogs
United States**



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, December 1, 1996-97 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1996	1997	1996	1997	1996	1997	1996	1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	255	290	170	165	150	155	140	130
GA	250	245	195	175	145	135	100	90
IL	1,380	1,630	960	980	840	880	700	750
IN	1,150	1,150	840	890	725	780	575	620
IA	3,850	4,300	2,900	3,600	2,300	2,800	1,900	2,450
KS	510	530	280	250	250	250	220	210
KY	215	215	135	125	105	105	85	75
MI	285	320	200	200	210	205	180	175
MN	1,590	1,910	1,070	1,210	890	970	760	790
MO	1,280	1,360	670	650	550	610	500	490
NE	1,200	1,200	830	830	650	640	470	440
NC	3,250	3,400	1,950	2,070	1,750	1,870	1,350	1,410
OH	570	640	300	320	280	300	140	160
OK	420	480	220	260	210	200	300	470
PA	290	340	220	230	175	170	160	140
SD	375	410	280	310	210	240	180	180
WI	270	260	175	150	130	110	105	105
Oth Sts ²	1,299	1,424	826	849	721	758	657	698
US	18,439	20,104	12,221	13,264	10,291	11,178	8,522	9,383

¹ Weight groups may not add to Market due to rounding.

² Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs Per Litter, and Pig Crop
by State and United States, December-February 1997-99 ¹**

State	Sows Farrowing				Pigs Per Litter		Pig Crop ²		
	1997	1998	1999 ³		1997	1998	1997	1998	
			Number	as % of 1998				Number	as % of 1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	52	56	55	98	8.50	8.50	442	476	108
GA	40	36	34	94	8.05	8.35	322	301	93
IL	200	225	230	102	8.50	8.60	1,700	1,935	114
IN	180	195	185	95	8.50	8.60	1,530	1,677	110
IA	460	510	520	102	8.50	8.70	3,910	4,437	113
KS	80	88	85	97	9.10	9.00	728	792	109
KY	31	31	29	94	8.30	8.40	257	260	101
MI	40	40	46	115	8.40	8.80	336	352	105
MN	230	260	265	102	8.70	8.95	2,001	2,327	116
MO	180	190	190	100	8.60	8.80	1,548	1,672	108
NE	175	165	165	100	8.45	8.50	1,479	1,403	95
NC	500	515	550	107	8.90	8.90	4,450	4,584	103
OH	75	87	95	109	8.30	8.40	623	731	117
OK	78	117	135	115	9.50	8.90	741	1,041	140
PA	44	44	45	102	8.50	8.45	374	372	99
SD	60	58	55	95	8.50	8.60	510	499	98
WI	44	42	38	90	8.40	8.20	370	344	93
Oth Sts ⁴	233	259	275	106	8.34	8.36	1,943	2,166	111
US	2,702	2,918	2,997	103	8.61	8.69	23,264	25,369	109

¹ December preceding year.

² Number of pigs born December-February that were still on hand March 1, or had been sold.

³ Intentions.

⁴ Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, March-May 1997-98**

State	Sows Farrowing			Pigs per Litter		Pig Crop ¹		
	1997	1998		1997	1998	1997	1998	
		Number	as % of 1997				Number	as % of 1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	60	56	93	8.30	8.40	498	470	94
GA	40	38	95	8.35	8.40	334	319	96
IL	240	245	102	8.40	8.60	2,016	2,107	105
IN	180	195	108	8.40	8.70	1,512	1,697	112
IA	520	540	104	8.60	8.70	4,472	4,698	105
KS	90	90	100	9.20	8.90	828	801	97
KY	31	29	94	8.50	8.40	264	244	92
MI	60	53	88	8.40	8.90	504	472	94
MN	250	265	106	8.85	8.90	2,213	2,359	107
MO	200	195	98	8.80	8.90	1,760	1,736	99
NE	185	175	95	8.50	8.40	1,573	1,470	93
NC	515	540	105	8.90	8.90	4,584	4,806	105
OH	85	90	106	8.40	8.70	714	783	110
OK	87	129	148	9.50	9.10	827	1,174	142
PA	45	46	102	8.60	8.70	387	400	103
SD	70	65	93	8.40	8.70	588	566	96
WI	46	43	93	8.50	8.50	391	366	94
Oth Sts ²	240	276	115	8.36	8.63	2,006	2,381	119
US	2,944	3,070	104	8.65	8.75	25,471	26,849	105

¹ Number of pigs born March-May that were still on hand June 1, or had been sold.

² Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, June-August 1997-98**

State	Sows Farrowing			Pigs per Litter		Pig Crop ¹		
	1997	1998		1997	1998	1997	1998	
		Number	as % of 1997				Number	as % of 1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	58	57	98	8.60	8.50	499	485	97
GA	39	35	90	8.40	8.45	328	296	90
IL	225	225	100	8.40	8.60	1,890	1,935	102
IN	190	190	100	8.40	8.60	1,596	1,634	102
IA	550	520	95	8.80	8.75	4,840	4,550	94
KS	90	92	102	9.20	8.70	828	800	97
KY	31	28	90	8.30	8.40	257	235	91
MI	54	50	93	8.70	8.90	470	445	95
MN	260	270	104	8.85	8.90	2,301	2,403	104
MO	190	190	100	8.90	8.70	1,691	1,653	98
NE	165	165	100	8.55	8.50	1,411	1,403	99
NC	515	550	107	8.90	8.80	4,584	4,840	106
OH	90	90	100	8.30	8.70	747	783	105
OK	98	134	137	9.40	9.10	921	1,219	132
PA	50	45	90	8.70	8.70	435	392	90
SD	68	56	82	8.50	8.65	578	484	84
WI	47	42	89	8.50	8.20	400	344	86
Oth Sts ²	239	280	117	8.45	8.49	2,020	2,376	118
US	2,959	3,019	102	8.72	8.70	25,796	26,277	102

¹ Number of pigs born June-August that were still on hand September 1, or had been sold.

² Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, September-November 1996-98**

State	Sows Farrowing				Pigs per Litter		Pig Crop ¹		
	1996	1997	1998 ²		1996	1997	1996	1997	
			Number	as % of 1997				Number	as % of 1996
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	52	55	54	98	8.40	8.40	437	462	106
GA	35	35	35	100	8.30	8.35	291	292	100
IL	220	240	240	100	8.35	8.40	1,837	2,016	110
IN	180	190	185	97	8.35	8.50	1,503	1,615	107
IA	480	510	500	98	8.45	8.50	4,056	4,335	107
KS	85	90	90	100	9.00	9.30	765	837	109
KY	32	31	29	94	8.30	8.35	266	259	97
MI	45	48	49	102	8.30	8.70	374	418	112
MN	225	260	265	102	8.80	8.90	1,980	2,314	117
MO	185	195	180	92	8.40	8.70	1,554	1,697	109
NE	170	170	170	100	8.40	8.50	1,428	1,445	101
NC	475	510	550	108	8.75	8.85	4,156	4,514	109
OH	80	90	95	106	8.30	8.60	664	774	117
OK	78	99	135	136	9.50	9.30	741	921	124
PA	41	46	45	98	8.40	8.70	344	400	116
SD	65	70	57	81	8.25	8.60	536	602	112
WI	44	44	39	89	8.10	8.30	356	365	103
Oth Sts ³	225	246	274	111	8.32	8.33	1,871	2,050	110
US	2,717	2,929	2,992	102	8.52	8.64	23,159	25,316	109

¹ Number of pigs born September-November that were still on hand December 1, or had been sold.

² Intentions.

³ Individual State estimates not available for the 33 other States.

Reliability of September 1 Hogs and Pigs Estimates

Survey Procedures: A random sample of about 14,000 U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all hog and pig producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 12,000 operations, 84 percent of the total sample, during the first-half of September by mail, telephone, and face-to-face personal interviews. Regardless of when operations responded, they were asked to report inventories as of September 1.

Estimation Procedures: These hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

Revision Policy: Revisions to previous estimates are made to improve quarter to quarter relationships. Estimates for the previous four quarters are subject to revision when current estimates are made. In September, estimates for all quarters of the current and previous year are reviewed. The reviews are primarily based on hog check-off receipts and slaughter. Estimates will also be reviewed after data from the Department of Agriculture five-year Census of Agriculture are available. No revisions will be made after that date.

Reliability: Since all operations raising hogs are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplication, and mistakes in reporting, recording, and processing the data. The affects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "Root Mean Square Error" is shown for selected items in the following table. The "**Root Mean Square Error**" is a statistical measure based on past performance and is computed using the difference between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 20 quarters is 1.6 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 62.9 million head by more than 1.6 percent, or about 1,006,400 head. Chances are 9 out of 10 that the difference will not exceed 2.8 percent, or about 1,761,000 head (the 90 percent confidence level).

Reliability of September 1 Hog Estimates ¹

Item	Root Mean Square Error	90% Confidence Level		Difference Between First and Latest Estimates			Quarters	
				Average	Smallest	Largest	First Above Latest	First Below Latest
	<i>Percent</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>
All Hogs & Pigs ²	1.6	2.8	1,761	676	30	2,220	8	12
Pig Crop	2.4	4.1	1,077	419	1	1,428	8	12
Expected Farrowings								
Next Quarter	3.1	5.4	162	71	4	237	12	8
Following	5.2	9.0	270	121	16	355	12	8

¹ Based on quarterly records for the past 20 quarters.

² No change was recorded in some quarters.

USDA to Hold Public Forum
October 19, 1998

Holiday Inn Mart Plaza
Chicago, Illinois

The National Agricultural Statistics Service will be organizing an open forum for Data Users. The purpose will be to provide updates on pending changes in the USDA statistical and information programs, and to seek comments and input from data users. Other agencies to be represented will include the Agricultural Marketing Service, the Economic Research Service, the Foreign Agricultural Service, and the World Agricultural Outlook Board.

For registration details, see the NASS home page at <http://www.usda.gov/nass/> or contact Fred Vogel (NASS) at (202) 720-3896 or at fvogel@nass.usda.gov